

# INTERNATIONAL SEARCH REPORT



International Application No  
PCT/EP2004/052235

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B29C49/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 11, 29 November 1996 (1996-11-29) -& JP 08 174552 A (HAKKO DENKI SEISAKUSHO:KK), 9 July 1996 (1996-07-09)	1,2,6
A	abstract	6
Y	US 3 880 973 A (SAWA YUJI ET AL) 29 April 1975 (1975-04-29) column 3, line 4 - line 14	1,2,6
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04, 31 August 2000 (2000-08-31) -& JP 2000 006232 A (TOYO SEIKAN KAISHA LTD), 11 January 2000 (2000-01-11) abstract	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*&\* document member of the same patent family

Date of the actual completion of the international search

10 January 2005

Date of mailing of the international search report

17/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04, 30 April 1996 (1996-04-30) -& JP 07 314547 A (DENKI KAGAKU KOGYO KK), 5 December 1995 (1995-12-05) abstract -----	1
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) -& JP 10 015944 A (TAIHO KOGYO KK), 20 January 1998 (1998-01-20) abstract -----	1
A	PATENT ABSTRACTS OF JAPAN vol. 004, no. 088 (M-017), 24 June 1980 (1980-06-24) -& JP 55 044872 A (MITSUBISHI PLASTICS IND LTD), 29 March 1980 (1980-03-29) abstract -----	1

# INTERNATIONAL SEARCH REPORT



Information on patent family members

International Application No

PCT/EP2004/052235

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 08174552	A	09-07-1996	NONE	
US 3880973	A	29-04-1975	JP 49053953 A	25-05-1974
			JP 58007446 B	09-02-1983
			AU 469507 B2	12-02-1976
			AU 6061473 A	27-03-1975
			BE 805285 A1	16-01-1974
			CA 1026071 A1	14-02-1978
			DE 2348327 A1	18-04-1974
			FR 2201171 A1	26-04-1974
			GB 1395664 A	29-05-1975
			IT 996205 B	10-12-1975
JP 2000006232	A	11-01-2000	NONE	
JP 07314547	A	05-12-1995	NONE	
JP 10015944	A	20-01-1998	NONE	
JP 55044872	A	29-03-1980	NONE	